

Using energy-based control techniques, additional safety features can be naturally deployed observing the energy exchange between sub-systems. In particular, the tank in- and outflow of energy, as well ...

In this work, we propose a novel formulation for energy tanks based on Control Barrier Functions (CBF). Our approach is able to handle simultaneously energy constraints to ensure passivity, as well as ...

Here, two controllers are proposed to restore the passivity: one with local energy tanks on each hierarchy level and one with a global tank for the entire system. The formal proofs of passivity show ...

In this document we describe and discuss energy tanks, a control algorithm which has gained popularity inside the robotics and control community over the last years. This article has the ...

In this paper, we propose an energy tank-based approach that allows to directly satisfy the energetic bounds imposed by the ISO/TS 15066, thus avoiding the introduction of conservative ...

This page is a list of locations of Tanks in the original Mega Man series. Notes: Mega Man 2-4, 6, II, and III only have Energy Tanks. Mystery Tanks will not appear in stages if Mega Man is already carrying ...



Energy tank screen

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